

APPLICATION FOR FINANCIAL ASSISTANCE  
Revised 4/99

SCIP  
CREDIT  
ENHANCE-  
MENT  
CB14G

**IMPORTANT:** Please consult the "Instructions for Completing the Project Application" for completion of this form.

SUBDIVISION: City of Cincinnati CODE# 061-15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 9 / 3 / 02

CONTACT: Brian Pickering, PE PHONE # (513) 591-6856

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 591-7826 E-MAIL brian.pickering@cincww.rcc.org

PROJECT NAME: Countywide Water Main Improvements

SUBDIVISION TYPE

(Check Only 1)

- ☐ 1. County  
☒ 2. City  
☐ 3. Township  
☐ 4. Village  
☐ 5. Water/Sanitary District  
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☐ 1. Grant \$  
☐ 2. Loan \$  
☒ 3. Loan Assistance \$1,400,000

PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road  
☐ 2. Bridge/Culvert  
☒ 3. Water Supply  
☐ 4. Wastewater  
☐ 5. Solid Waste  
☐ 6. Stormwater

TOTAL PROJECT COST: \$ 1,400,000

FUNDING REQUESTED: \$ 1,400,000

DISTRICT RECOMMENDATION  
To be completed by the District Committee ONLY

GRANT: \$ \_\_\_\_\_ LOAN ASSISTANCE: \$ 1,336,335  
SCIP LOAN: \$ \_\_\_\_\_ RATE: \_\_\_\_\_ % TERM: \_\_\_\_\_ yrs.  
RLP LOAN: \$ \_\_\_\_\_ RATE: \_\_\_\_\_ % TERM: \_\_\_\_\_ yrs.

(Check Only 1)

- ☒ State Capital Improvement Program ☐ Small Government Program  
☐ Local Transportation Improvements Program

OFFICE OF NEW BURLINGTON  
COUNTY ENGINEER  
2002 SEP 20 PM 1:21

FOR OPWC USE ONLY

PROJECT NUMBER: C \_\_\_\_\_ /C \_\_\_\_\_  
Local Participation \_\_\_\_\_ %  
OPWC Participation \_\_\_\_\_ %  
Project Release Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
OPWC Approval: \_\_\_\_\_

APPROVED FUNDING: \$ \_\_\_\_\_  
Loan Interest Rate: \_\_\_\_\_ %  
Loan Term: \_\_\_\_\_ years  
Maturity Date: \_\_\_\_\_  
Date Approved: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
SCIP Loan \_\_\_\_\_ RLP Loan \_\_\_\_\_

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:  
(Round to Nearest Dollar)

TOTAL DOLLARS

FORCE ACCOUNT  
DOLLARS

a.) Basic Engineering Services:

\$ \_\_\_\_\_ .00

\_\_\_\_\_

Preliminary Design \$ \_\_\_\_\_ .00

Final Design \$ \_\_\_\_\_ .00

Bidding \$ \_\_\_\_\_ .00

Construction Phase \$ \_\_\_\_\_ .00

Additional Engineering Services

\$ \_\_\_\_\_ .00

\_\_\_\_\_

\*Identify services and costs below.

b.) Acquisition Expenses:

Land and/or Right-of-Way

\$ \_\_\_\_\_ .00

\_\_\_\_\_

c.) Construction Costs:

\$ \_\_\_\_\_ .00

\_\_\_\_\_

d.) Equipment Purchased Directly:

\$ \_\_\_\_\_ .00

e.) Permits, Advertising, Legal:

\$ 1,400,000 .00

(Or Interest Costs for Loan Assistance  
Applications Only)

f.) Construction Contingencies:

\$ \_\_\_\_\_ .00

g.) TOTAL ESTIMATED COSTS:

\$ 1,400,000 .00

\*List Additional Engineering Services here:  
Service:

Cost:

## 1.2 PROJECT FINANCIAL RESOURCES:

(Round to Nearest Dollar and Percent)

	DOLLARS	%
a.) Local In-Kind Contributions	\$ <u>.00</u>	<u>      </u>
b.) Local Revenues	\$ <u>.00</u>	<u>      </u>
c.) Other Public Revenues	\$ <u>.00</u>	<u>      </u>
ODOT	\$ <u>.00</u>	<u>      </u>
Rural Development	\$ <u>.00</u>	<u>      </u>
OEPA	\$ <u>.00</u>	<u>      </u>
OWDA	\$ <u>.00</u>	<u>      </u>
CDBG	\$ <u>.00</u>	<u>      </u>
OTHER _____	\$ <u>.00</u>	<u>      </u>
SUBTOTAL LOCAL RESOURCES:	\$ <u>.00</u>	<u>      </u>
d.) OPWC Funds		
1. Grant	\$ <u>.00</u>	<u>      </u>
2. Loan	\$ <u>.00</u>	<u>      </u>
3. Loan Assistance	\$ <u>1,400,000.00</u>	<u>      </u>
SUBTOTAL OPWC RESOURCES:	\$ <u>1,400,000.00</u>	<u>      </u>
e.) TOTAL FINANCIAL RESOURCES:	\$ <u>1,400,000.00</u>	<u>100%</u>

## 1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# \_\_\_\_\_ Sale Date: \_\_\_\_\_  
 STATUS: (Check one)  
     Traditional \_\_\_\_\_  
     Local Planning Agency (LPA) \_\_\_\_\_  
     State Infrastructure Bank \_\_\_\_\_

**2.0 PROJECT INFORMATION**

If project is multi-jurisdictional, information must be consolidated in this section.

**2.1 PROJECT NAME: Countywide Water Main Improvements**

**2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):**

**A: SPECIFIC LOCATION:**

This project requests reimbursement for the second year of interest on the bonds sold to finance Cincinnati Water Works (CWW) Infrastructure projects. This project involves repayment of the prorated interest for the replacement of approximately 194 water mains and the installation of 24 new mains located throughout Hamilton County from the CWW capital program. These projects were initially funded from cash until revenue bonds could be sold. See attached location map for location of a majority of the water main locations that make up this project (not all shown for clarity).

**PROJECT ZIP CODE: varies**

**B: PROJECT COMPONENTS:**

This project includes the replacement of various water mains and the installation of new water mains. The project also includes the installation of water mains, valves and water branches, fire hydrants, chambers within the right of way, disinfection, pressure testing and performing all other related work.

**C: PHYSICAL DIMENSIONS / CHARACTERISTICS:**

This project involves installing various length water mains ranging in size from 6" to 48" diameter pipes.

**D: DESIGN SERVICE CAPACITY:**

Detail current service capacity vs. proposed service level.

This project is designed to meet the future demand. As indicated above, replacement mains and 194 projects involve replacing existing water mains and 24 are new water mains with capacity for 20 years.

Road or Bridge: Current ADT \_\_\_\_\_ Year: \_\_\_\_\_ Projected ADT: \_\_\_\_\_ Year: \_\_\_\_\_

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: \$ \* \_\_\_\_\_ Proposed Rate: \$ \* \_\_\_\_\_

\* See attached rate schedule

Stormwater: Number of households served: \_\_\_\_\_

**2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 75 Years.**

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

Attached is a listing of the water main projects that are being funded from the bond sale proceeds.

### 3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT \$ 30,479,929.40

TOTAL PORTION OF PROJECT NEW/EXPANSION \$ 5,291,397.24

### 4.0 PROJECT SCHEDULE: \*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>completed</u>	<u>completed</u>
4.2 Bid Advertisement and Award:	<u>completed</u>	<u>completed</u>
4.3 Construction:	<u>6/01 /99</u>	<u>12 /01 /04</u>
4.4 Right-of-Way/Land Acquisition:	<u>completed</u>	<u>completed</u>

\* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

### 5.0 APPLICANT INFORMATION:

#### 5.1 CHIEF EXECUTIVE

OFFICER

Timothy Riordan

TITLE

Acting Deputy City Manager

STREET

Room 104, City Hall

801 Plum Street

CITY/ZIP

Cincinnati, Ohio 45202

PHONE

( 513 ) 352 - 2457

FAX

( 513 ) 352 - 2458

E-MAIL

tim.riordan@rcc.org

#### 5.2 CHIEF FINANCIAL

OFFICER

William Moller

TITLE

Finance Director

STREET

Room 250, City Hall

801 Plum Street

CITY/ZIP

Cincinnati, Ohio 45202

PHONE

( 513 ) 352 - 3731

FAX

( 513 ) 352 - 2370

E-MAIL

bill.moller@rcc.org

#### 5.3 PROJECT MANAGER

Steve Hellman

TITLE

Supervising Accountant

STREET

4747 Spring Grove Avenue

CITY/ZIP

Cincinnati, Ohio 45232

PHONE

( 513 ) 591 - 7965

FAX

( 513 ) 591 - 6519

E-MAIL

steve.hellman@cincww.rcc.org

**Changes in Project Officials must be submitted in writing from the CEO.**

## 6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [ ] below that each item listed is attached.

- [ ] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- [ X ] A certification signed by the applicant's chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- [ X ] A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's original seal or stamp and signature.
- [ ] A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- [ ] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.
- [ ] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)
- [ X ] Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your *local* District Public Works Integrating Committee.

## 7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

Timothy H. Roordan Acting Deputy City Manager  
Certifying Representative (Type or Print Name and Title)

Timothy H. Roordan 7/17/02  
Signature/Date Signed

# City of Cincinnati



Department of Water Works

4747 Spring Grove Avenue  
Cincinnati, Ohio 45232

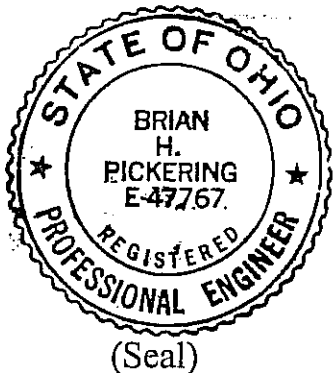
David E. Rager  
*Director of Water Works*

Paul E. Tones  
*Water Works Chief Engineer*

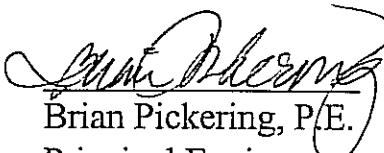
September 3, 2002

Subject: Countywide Water Main Replacement Project  
Certification of Useful Life

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject water main project is at least seventy five (75) years.



(Seal)

  
Brian Pickering, P.E.  
Principal Engineer  
City of Cincinnati

216 227 02117 VINE STREET/FREEDOM WAY  
 217 235 96130 WATER WEST MAINS  
 218 250 97068 WSTRN WTR PHASE 3A-SR4 TO ZOAR

NA Expansion  
 NA Expansion  
 NA Expansion

60,000.00  
 19,184.00  
 871,521.16

0.00  
 141,969.62  
 869,786.46

60,000.00  
 -122,785.62  
 1,734.70

New Water Mains \$5,291,397.24  
 Total Project \$35,771,326.64  
 20% of Total Project \$7,154,265.33

(less than cost of new water mains)

Bond Sale	\$92,685,000	Interest	Year
Prorate Interest	\$1,836,327	\$4,758,000	2002
Use \$1,400,000			



### Definitions

- 1) Maintenance - Replaced due to leaks in the pipe joints or breaks in the pipe
- 2) Age - Greater than 40 years
- 3) Conflict - New facility impacting water main or too close due to roadway grade changes
- 4) Upgrade - Usually leaded joint piping with minimal cover over 6" and 8" pipes being replaced with 8" pipes
- 5) Flow - The pipe capacity is too small due to corrosion or size
- 6) Water Quality - Rusty water, sediment or not enough water turnover in the pipe
- 7) Gapper - Connecting the ends of dead end existing mains that are not continuous
- 8) Expansion - Extending transmission and distribution mains to support growing areas
- 9) Rehabilitation - Performing repairs on interior of existing main

NOTE: Mains with 1925 year built indicate a water main with unknown age. Areas with mains were annexed into the city without good records. Many areas were annexed around 1925

Projects may be added or deleted during the year from the above list  
 Several projects have duplicate names





# City of Cincinnati

September 6, 2002

**To:** William E. Moller, Director of Finance

**From:** William Knecht, CWW, Superintendent of Business Planning and Development

**Subject:** Status of Funds for Round 17/2003 Credit Enhancement Project  
Countywide Water Main Improvements

The purpose of this letter is to certify that the City of Cincinnati Water Works has secured all the funding for the Countywide Water Main Improvement project. On February 27 and 28, 2001, the Cincinnati Water Works issued revenue bonds totaling \$92,685,000 to finance a portion of the capital improvement program. This project requests reimbursement of a portion of the second year of interest for water main work that is eligible for the State Capital Improvement Program Funds.

If you have any questions please call me at 591-7965.

Sincerely,

*William Knecht*

William Knecht  
Superintendent of Business Planning and Development

cc: B. Pickering, CWW Engineering  
W. Knecht, CWW Business Services  
P. Tomes, CWW Engineering  
S. Hellman, CWW Business Services

## **Additional Information – Countywide Water Main Improvements**

This project requests a credit enhancement of \$1,400,000 to reimburse the City of Cincinnati Water Works (CWW) for 2002 bond interest for capital water main replacement projects.

On February 27 and 28, 2001 the City of Cincinnati Water Works issued revenue bonds totaling \$92,685,000 to finance a portion of the current capital improvement program. The capital improvement program includes projects for technology, plant facilities, water mains and other related expenses. A portion of the bond sale financed 218 water main projects. These water mains are included in the Countywide Water Main Improvement Project. The project includes 194 water main replacements and 24 new water mains.

The 218 water main projects represent approximately \$35,771,326.64 of capital work or 38% of the February 2001 bond sale. The total interest payment on the entire bond sale is \$4,758,000 for 2002. Prorating the interest payments (for the water replacement projects) at 38% provides an eligible interest cost of over \$1,400,000 for 2002.

# City of Cincinnati



Water Works

4747 Spring Grove Avenue  
Cincinnati, Ohio 45232-1986  
Phone (513) 591-7970  
Fax (513) 591-6519

David E. Rager  
*Director of Water Works*

Telecommunications for the Deaf  
Billing Inquiries (513) 591-7730  
Emergency Service (513) 591-7905

December 3, 2002

Mr. Joe Cottrell  
Hamilton County Engineers Office  
10480 Burlington Road  
Cincinnati, OH 45231

Dear Mr. Cottrell:

Per your request to Bill Knecht, enclosed is information from the Official Statement for the Greater Cincinnati Water Works' 2001 revenue bond sale.

Sincerely,

Ann Turner  
Administrative Specialist

Enc.

cc: Bill Knecht

In the opinion of Peck, Shaffer & Williams LLP, Bond Counsel, under existing law, (i) interest on the Series 2001 Bonds will be excludible from gross income of the holders thereof for purposes of federal income taxation, (ii) interest on the Series 2001 Bonds will not be a specific item of tax preference for purposes of the federal alternative minimum tax imposed on individuals and corporations, and (iii) the Series 2001 Bonds, the transfer thereof, and the income therefrom, including any profit made on the sale thereof, will be exempt from taxation within the State of Ohio, all subject to the qualifications described herein under the heading Tax Matters.

OFFICIAL STATEMENT  
Relating to the Original Issuance of

**\$92,685,000**  
**CITY OF CINCINNATI, OHIO**  
**WATER SYSTEM REVENUE BONDS, SERIES 2001**

Dated: March 1, 2001

Due: December 1, as shown below

The captioned bonds (the "Series 2001 Bonds") will be issued only as fully registered bonds and initially will be registered solely in the name of Cede & Co., as nominee for The Depository Trust Company, New York, New York ("DTC"). Purchases of book entry interests in the Series 2001 Bonds (without any right to receive certificates) will be made in denominations of \$5,000 and any integral multiples thereof. See TRUST AGREEMENT – Book Entry Method. Interest on the Series 2001 Bonds is payable on June 1 and December 1 of each year, commencing June 1, 2001. Principal of the Series 2001 Bonds is payable at the Cincinnati, Ohio corporate trust office of Fifth Third Bank, as Trustee and Paying Agent. So long as DTC or its nominee is the registered owner of the Series 2001 Bonds, payments of all Bond Service Charges on the Series 2001 Bonds will be made directly to DTC, without cost except for any taxes or other governmental charges. See TRUST AGREEMENT – Book Entry Method.

The Series 2001 Bonds are being issued by the City of Cincinnati, Ohio (the "City") for the purpose of paying a portion of the cost of the Greater Cincinnati Water Works (the "Utility") Capital Improvement Program and paying the costs of issuance. See SERIES 2001 BONDS – Authorization and Purpose.

The Series 2001 Bonds will be secured by a Master Trust Agreement dated as of March 1, 2001 between the Trustee and the City and a First Supplemental Trust Agreement dated as of March 1, 2001 between the Trustee and the City. The Trust Agreement will secure the Series 2001 Bonds and Additional Bonds by a pledge of the Net Revenues of the Utility and of the Special Funds.

Terms used, but not defined, in this Official Statement are used as defined in the Trust Agreement. See APPENDIX A – Summary of Certain Definitions Used in the Trust Agreement.

THE SERIES 2001 BONDS ARE NOT GENERAL OBLIGATIONS, BUT ARE SPECIAL OBLIGATIONS OF THE CITY, PAYABLE SOLELY FROM THE NET REVENUES OF ITS UTILITY AND THE SPECIAL FUNDS CREATED UNDER THE MASTER TRUST AGREEMENT, AND NEITHER THE GENERAL CREDIT NOR TAXING POWER OF THE CITY OR OF THE STATE OF OHIO OR ANY POLITICAL SUBDIVISION THEREOF IS PLEDGED TO PAYMENT OF THE PRINCIPAL OF, PREMIUM, IF ANY, OR INTEREST ON THE SERIES 2001 BONDS.

MATURITY SCHEDULE

Year	Amount	Interest Rate	Price	Year	Amount	Interest Rate	Price
2002	\$ 100,000	3.400%	100.000	2011	\$1,500,000	4.400%	100.000
2002	2,700,000	5.000	102.661	2011	2,795,000	5.500	108.976
2003	400,000	3.600	99.944	2012	470,000	4.500	100.000
2003	2,535,000	5.000	103.551	2012	4,045,000	5.500	108.119
2004	505,000	3.700	99.961	2013	200,000	4.550	99.802
2004	2,570,000	5.000	104.450	2013	4,555,000	5.500	107.524
2005	725,000	3.800	99.909	2014	5,015,000	5.500	106.766
2005	2,500,000	5.000	105.056	2015	550,000	4.750	100.000
2006	970,000	3.900	99.842	2015	4,740,000	5.500	106.013
2006	2,405,000	5.500	107.979	2016	5,580,000	5.500	105.268
2007	3,545,000	4.000	99.878	2017	100,000	4.900	99.766
2008	1,810,000	4.150	99.929	2017	5,785,000	5.500	104.610
2008	1,880,000	5.500	108.774	2018	200,000	5.000	99.295
2009	550,000	4.200	99.705	2018	6,010,000	5.000	99.295
2009	3,315,000	5.500	109.107	2019	6,520,000	5.000	98.794
2010	265,000	4.300	99.836	2020	6,845,000	5.000	98.269
2010	3,810,000	5.500	109.286	2021	7,190,000	5.125	99.423

(Plus accrued interest from March 1, 2001)

The Series 2001 Bonds are subject to redemption prior to maturity as described herein.

The Series 2001 Bonds are offered when, as and if issued and received by the Underwriters, subject to prior sale and to withdrawal or modification of the offer without notice. Certain legal matters relating to the issuance of the Series 2001 Bonds will be subject to the approving legal opinion of Peck, Shaffer & Williams LLP, Bond Counsel (See LEGAL OPINION and TAX MATTERS). A.C. Edwards & Sons, Inc. has acted as Financial Advisor to the City in connection with the issuance of the Series 2001 Bonds. Certain matters will be passed upon for the Underwriters by Squire, Sanders & Dempsey L.L.P. The Series 2001 Bonds are expected to be available for delivery in definitive form in New York, New York on or about March 8, 2001.

**MORGAN STANLEY DEAN WITTER**  
**FIFTH THIRD SECURITIES, INC.**

**SEASONGOOD & MAYER, LLC**  
**PNC CAPITAL MARKETS**

**SBK-BROOKS INVESTMENT CORP.**

The date of this Official Statement is March 1, 2001 and information contained herein speaks only as of that date.

## Debt Service Requirements

The following are the annual debt service requirements on the Series 2001 Bonds and Subordinate Debt Service deposits required under the Trust Agreement:

<u>Year</u>	<u>Revenue Bonds</u>			<u>Subordinate Debt Service</u>	<u>Total Debt Service</u>
	<u>Principal</u>	<u>Interest</u>	<u>Debt Service</u>		
2001	\$ -0-	\$3,569,184.38	\$3,569,184.38	\$19,025,418.00	\$22,594,602.38
2002	2,800,000.00	4,758,912.50	7,558,912.50	18,327,300.00	25,886,212.50
2003	2,935,000.00	4,620,512.50	7,555,512.50	17,675,808.00	25,231,320.50
2004	3,075,000.00	4,479,362.50	7,554,362.50	14,279,940.00	21,834,302.50
2005	3,225,000.00	4,332,177.50	7,557,177.50	11,992,248.00	19,549,425.50
2006	3,375,000.00	4,179,627.50	7,554,627.50	9,804,105.00	17,358,732.50
2007	3,545,000.00	4,009,522.50	7,554,522.50	7,535,913.00	15,090,435.50
2008	3,690,000.00	3,867,722.50	7,557,722.50	5,293,350.00	12,851,072.50
2009	3,865,000.00	3,689,207.50	7,554,207.50	2,495,600.00	10,049,807.50
2010	4,075,000.00	3,483,782.50	7,558,782.50	2,411,600.00	9,970,382.50
2011	4,295,000.00	3,262,837.50	7,557,837.50	2,327,600.00	9,885,437.50
2012	4,515,000.00	3,043,112.50	7,558,112.50	2,243,600.00	9,801,712.50
2013	4,755,000.00	2,799,487.50	7,554,487.50	2,159,600.00	9,714,087.50
2014	5,015,000.00	2,539,862.50	7,554,862.50	1,875,600.00	9,430,462.50
2015	5,290,000.00	2,264,037.50	7,554,037.50		7,554,037.50
2016	5,580,000.00	1,977,212.50	7,557,212.50		7,557,212.50
2017	5,885,000.00	1,670,312.50	7,555,312.50		7,555,312.50
2018	6,210,000.00	1,347,237.50	7,557,237.50		7,557,237.50
2019	6,520,000.00	1,036,737.50	7,556,737.50		7,556,737.50
2020	6,845,000.00	710,737.50	7,555,737.50		7,555,737.50
2021	7,190,000.00	368,487.50	7,558,487.50		7,558,487.50
<b>TOTAL</b>	<b>\$92,685,000.00</b>	<b>\$62,010,074.38</b>	<b>\$154,695,074.38</b>	<b>\$117,447,682.00</b>	<b>\$272,142,756.38</b>

### Other Obligations Payable from Revenues

As discussed above under **SERIES 2001 BONDS -- AUTHORIZATION AND PURPOSE**, there are currently outstanding \$96,500,000 of long-term general obligation bonds (the Utility General Obligations) that the City issued for Utility Improvements. Debt service on those Utility General Obligations is payable from ad valorem taxes if not paid from any other source, but the City has in fact paid that debt service from surplus Utility revenues, and the City intends to pay future debt service on the Utility General Obligations from the Revenues to be deposited in the Subordinate Debt Service Fund.

Payment of debt service on the outstanding and any future Utility General Obligations and on any other Subordinate Debt that the City may issue or incur may be made from the Subordinate Debt Service Fund, but only if and to the extent that the City has made all required deposits to and payments from the Bond Fund and Bond Reserve Fund. The holders of Subordinate Debt have no claim on or right to payment from the Bond Fund or the Bond Reserve Fund. To comply with the rate covenant that the City makes in the Trust Agreement, the City must include debt service on

Subordinate Debt in computing the amount required to be covered at least 100% by Net Revenues. See **SECURITY AND SOURCES OF PAYMENT -- Rate Covenant**.

## **TRUST AGREEMENT**

The Trust Agreement contains provisions as to Bond authentication, registration, transfer, exchange and replacement, redemption, remedies upon default, duties of the Trustee, Bond Registrar, Authenticating Agents and Paying Agents (and their successors), supplemental trust agreements, non-presentment of Bonds and defeasance, among others. Certain provisions of the Trust Agreement as to Utility Funds, Events of Default, remedies, enforcement by mandamus, defeasance, and supplemental trust agreements are summarized below.

So long as the Series 2001 Bonds are held under a book entry system with DTC (or any successor securities depository), that depository or its nominee is for all purposes of the Trust Agreement considered the owner or holder of the Series 2001 Bonds, and (except as otherwise provided in the applicable Continuing Disclosure Certificate) the owners of book entry interests will not be considered owners or holders and have no rights as holders or owners under the Trust Agreement.

### **Funds and Revenues and Application Thereof**

The Trust Agreement establishes the following Funds:

- The Construction Fund, the Revenue Fund, the Water System Reserve Fund and the Subordinate Debt Service Fund, are to be held in the custody of the City.
- The Bond Fund, the Bond Reserve Fund and the Rebate Fund, are to be held in the custody of the Trustee

#### **Construction Fund**

The Construction Fund will be maintained in the custody of the City, separate and distinct from all other funds of the City. Moneys in the Construction Fund will be disbursed only to pay for (or, if paid by the City as an advance in anticipation of the issuance of Additional Bonds, reimbursement of) the costs of the Project, and to pay costs of issuance of the Series 2001 Bonds.

#### **Revenue Fund**

The Revenue Fund will be maintained in the custody of the City separate and distinct from all other funds of the City. So long as any of the Bonds are outstanding, all Revenues will be deposited in the Revenue Fund. Except as provided in the Trust Agreement after the occurrence of an Event of Default, funds on deposit in the Revenue Fund will be allocated only in the following order:

- i. For operating and maintenance expenses, as and when payable.
- ii. Not later than the last Business Day of each month commencing with the month following the month of issuance of, the City shall pay to the Trustee for deposit into the appropriate account of the Bond Fund, an amount equal to (a) 1/12 of the principal amount of Bonds maturing or subject to mandatory



# City of Cincinnati

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Department of Water Works

4747 Spring Grove Avenue  
Cincinnati, Ohio 45232

David E. Rager  
*Director of Water Works*

Paul E. Tomes  
*Water Works Chief Engineer*

October 28, 2002

Mr. Joseph D. Cottrill  
Hamilton County Engineer's Office  
10480 Burlington Road  
Cincinnati, Ohio 45231

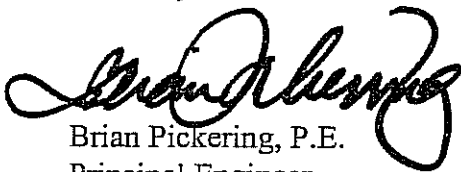
RE: Ordinance for Ohio Public Works Commission Round 17 Funding

Dear Mr. Cottrill:

Enclosed is a copy of Ordinance 340-2002, dated October 23, 2002 authorizing the Cincinnati City Manager to apply for and accept water supply funding from the Public Works Commission.

If you have any questions regarding this letter please call me at 591-6856.

Sincerely,



Brian Pickering, P.E.  
Principal Engineer

JLH  
PAB

**City of Cincinnati**  
**An Ordinance No. 0340** - 2002

AUTHORIZING the City Manager to apply for and accept water supply funding credit enhancements or loans from the State of Ohio, Ohio Public Works Commission, in the approximate amount of \$1,400,000, and to execute any agreements necessary for the receipt and administration of said credit enhancements or loans.

WHEREAS, the State Capital Improvement Program, the Local Transportation Improvement Program, and the State Revolving Loan Program provide for infrastructure funding; and

WHEREAS, the District 2 Integrating Committee for the Ohio Public Works Commission is accepting applications for projects within Hamilton County, State of Ohio; and

WHEREAS, matching funds are available and have been budgeted for program year 2003, for a water supply project, namely Countywide Water Main Improvements; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to execute and file applications on behalf of the City of Cincinnati, with the Ohio Public Works Commission through the Hamilton County District 2 Integrating Committee, for credit enhancements or for loans at an interest rate acceptable to the City of Cincinnati Director of Finance, in the approximate amount of \$1,400,000 for funding a water supply project, namely Countywide Water Main Improvements, and to accept such grants or loans if awarded.

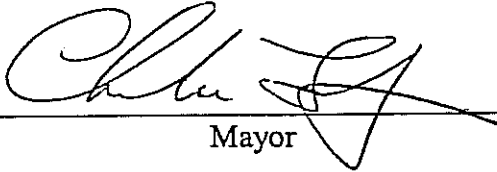
Section 2. That the City Manager is hereby authorized to execute such agreements and other documents as are required by the State for receipt and administration of the above credit enhancements or loans.

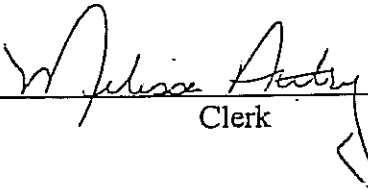
Section 3. That, if the Ohio Public Works Commission approves the credit enhancements or loans, the Director of Finance is directed to deposit said funds in the appropriate account and is further authorized to disburse said funds upon receipt of proper vouchers.




Section 4. This ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed October 23, 2002

  
\_\_\_\_\_  
Mayor

Attest   
\_\_\_\_\_  
Clerk

2002 OCT 23 11:50 AM 340  
11-5-02

  
Clerk of Council

 R.D.J.S.

**City of Cincinnati**  
**An Ordinance No. 417** - 2001

REVISING the rates for water service furnished by the Cincinnati Water Works by repealing and reordaining Sections 401-75, 401-76, 401-77, 401-78, 401-79 and 401-81 of Chapter 401 of the Cincinnati Municipal Code.

**WHEREAS**, the City administration has recommended to Council that a three percent (3.0%) increase in water rates effective January 1, 2002 is required to meet current capital and operating needs of the water works system; and

**WHEREAS**, after a three percent (3.0%) increase in rates, Cincinnati's rates will remain substantially below industry averages, and Council is of the opinion that a three percent (3%) increase is necessary and appropriate; and

**WHEREAS**, the City administration has recommended to Council a simplification in the methodology used to bill Welfare Institutions in order to eliminate administrative inefficiencies related to the current process; now, therefore,

BE IT ORDAINED by Council of the City of Cincinnati, State of Ohio:

Section 1. That new sections 401-75, 401-76, 401-77, 401-78, 401-79 and 401-81 of Chapter 401 of the Cincinnati Municipal Code are hereby reordained as follows:

**Section 401-75. Water Rates.**

The director of water works shall fix the charges for water used by consumers within the city of Cincinnati, for consumers in Hamilton county outside the Cincinnati city limits, and for consumers in Butler, Clermont, and Warren counties, at rates sufficient to pay the expenses of the water works in accordance with Article IV, Section 9, of the city charter.

The director shall also fix the charges for water supplied to political subdivisions at master meters for redistribution by them through their own water mains, and for standby water service to political subdivisions.

The water rates shall not be in force until approved by ordinance of council.

## Section 401-76. Service Charges.

Each water supply service shall be subject to a Service Charge. The Service Charge shall be based on the size of the water meter.

This section shall apply to each water meter used, but shall not apply to water supply services subject to Section 401-81 or Section 401-82.

For the availability of water service, the Service Charge rates shall be as follows:

Meter Size (Inches)	<u>Inside Cincinnati</u>		<u>Incorporated Hamilton and Clermont Counties</u>		<u>Unincorporated Hamilton County</u>		<u>Butler &amp; Warren Counties</u>	
	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>
5/8	\$4.89	\$5.67	\$6.16	\$7.14	\$6.50	\$7.54	\$7.08	\$8.21
¾	5.93	8.85	7.47	11.15	7.89	11.77	8.59	12.82
1	7.25	11.55	9.14	14.55	9.64	15.36	10.51	16.73
1-1/2	9.79	18.14	12.34	22.86	13.02	24.13	14.19	26.29
2	13.19	25.83	16.62	32.55	17.54	34.35	19.11	37.43
3	24.73	55.62	31.16	70.08	32.89	73.97	35.83	80.59
4	44.96	96.41	56.65	121.48	59.80	128.23	65.15	139.70
6	85.42	188.53	107.63	237.55	113.61	250.74	123.77	273.18
8	125.98	280.76	158.73	353.76	167.55	373.41	182.54	406.82
10	176.21	383.00	222.02	482.58	234.36	509.39	255.32	554.97
12	216.12	453.90	272.31	571.91	287.44	603.69	313.16	657.70

## Section 401-77. Water Commodity Charges.

For water used, the Water Commodity Charge rates per hundred cubic feet (Ccf) used shall be as follows:

Per Month	Per Quarter	<u>Inside Cincinnati</u>		<u>Incorporated Hamilton &amp; Clermont Counties</u>		<u>Unincorporated Hamilton County</u>		<u>Butler &amp; Warren Counties</u>	
First 20 Ccf	First 60 Ccf	\$1.32		\$1.66		\$1.76		\$1.91	
Next 580 Ccf	Next 1740 Ccf	1.08		1.36		1.44		1.56	
Over 600 Ccf	Over 1800 Ccf	0.96		1.21		1.28		1.39	

## **Section 401-78. Charges for Fire Protection Services**

Each Fire Protection Service serving a private premises shall be subject to a Service Charge based on the size of the service branch at the water main. This section shall not apply to fire protection services subject to Sections 401-82 and 401-83.

The Fire Protection Service Charge rates per month and per quarter shall be as follows:

<u>Meter Size (Inches)</u>	<u>Inside Cincinnati</u>		<u>Incorporated Hamilton and Clermont Counties</u>		<u>Unincorporated Hamilton County</u>		<u>Butler &amp; Warren Counties</u>	
	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>
2" & Under	\$8.90	\$26.38	\$11.21	\$33.24	\$11.84	\$35.09	\$12.89	\$38.23
3	11.43	33.86	14.40	42.66	15.20	45.03	16.56	49.06
4	13.52	40.56	17.04	51.11	17.98	53.94	19.60	58.78
6	31.22	93.33	39.34	117.60	41.52	124.13	45.24	135.24
8	44.08	132.24	55.54	166.62	58.63	175.88	63.87	191.61
10	53.21	159.39	67.04	200.83	70.77	211.99	77.10	230.95

## **Section 401-79. Welfare Institutions.**

Welfare institutions defined in Section 401-85 and subsections thereto which have both applied for welfare rates and received water service on or before July 2, 1983, shall pay a service charge and shall pay for water supplied at the commodity rate prescribed herein as set forth in Section 401-76. All such institutions taking service thereafter shall not be entitled to special rates under this section.

The commodity rate per 100 cubic feet of water supplied shall be established as follows:

For the period January 1, 2002 through June 30, 2002 the rate will be fixed at \$0.76 per Ccf used. After June 30, 2002, the rate will be set at 80% of the 3<sup>rd</sup> block inside City rate set to the closest 1 cent.

The water rates for Welfare Institutions shall not be in force until approved by ordinance of council.

## **Section 401-81. Charges to Political Subdivisions.**

The water commodity charge rates per hundred cubic feet for water used by political subdivisions, other than those whose contracts with the City of Cincinnati specify rates, shall be \$1.36 between November 1 and April 30 and \$1.66 between May 1 and October 31. There shall be no service charges.

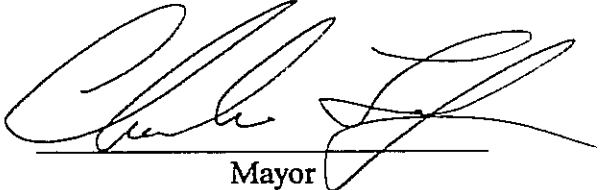
Section 2. That existing Sections 401-75, 401-76, 401-77, 401-78, 401-79 and 401-81 of the Cincinnati Municipal Code are hereby repealed.

Section 3. The rates established by this ordinance shall apply to the monthly billed charges on the basis of one thirtieth times the number of calendar days since January 1, 2002. The rates established by this ordinance shall apply to quarterly billed charges on the basis of one ninety-first times the number of calendar days since January 1, 2002. Monthly billed charges payable after 30 calendar days since January 1, 2002 and quarterly billed charges after 91 calendar days since January 1, 2002 shall be calculated entirely at the amended rates.

Section 4. All other sections of Chapter 401 remain in full force and effect.


Section 5. That this ordinance shall be in force and take effect from and after the earliest period allowed by law.

Passed December 19, 2001

  
Mayor

Attest Melissa Antrey  
Clerk

I HEREBY CERTIFY THAT ORDINANCE NO 417  
2001 WAS PUBLISHED IN THE CITY BULLETIN  
IN ACCORDANCE WITH THE CHARTER ON 1-2-02

  
Clerk of Council

## CONDITION RATING FOR WATER MAINS

The condition ratings utilized by the Hamilton County Integrating Committee are not consistent with the rating system utilized by the Cincinnati Water Works (CWW). Using the "ADDENDUM TO THE RATING SYSTEM", the closest definition for a water main being replaced is the **CRITICAL CONDITION**. Typically the CWW classifies most replacement water mains as being in **Marginal Condition**.

The CWW does not usually televise all water mains before they are replaced. The CWW maintains maintenance files that aid in prioritizing future water main replacement projects.

As indicated in the funding applications, water mains are replaced for numerous reasons. The **Countywide Water Main Improvements** project includes main that are being replaced for numerous reasons including documented maintenance history problems, age greater than 40 years, street improvements with to roadway grade/alignment changes, conflicts with other utilities, upgrade leaded joint piping for 6" and 8" mains, mains with flow restrictions, rusty water, and expanding the system into areas that have not been served or due to new development.

## WATER MAIN REPLACEMENT PROJECTS

Map #	PROJ #	PROJECT NAME	CAPITAL FUNDING	TOTAL EXPENSES	PROJECT BALANCE	YEAR BUILT	REASON FOR PROJECT
1	1	94093 ADLER ST/HARRISON TO FAIRMOUNT	18,928.00	1,525.00	17,403.00	1926	Maintenance
2	2	97099 ALPINE PL/ST JAMES TO NASSAU	60,176.00	60,838.44	-662.44	1965	Main/Upgrade
3	3	94078 AMOR PL/WESTWOOD AV TO S TERM	34,464.00	23,419.44	11,044.56	1927	Flow
4	4	01040 APPEGATE-GLENMORE TO ROBB	16,320.00	15,828.99	491.01	1931	Upgrade
5	5	94079 ARGUS/GROESBECK, GROESBECK CDR	55,712.00	51,731.02	3,980.98	1947	Maintenance
6	6	96102 ASBURY RD, AYERS TO 750' S RVR	43,392.00	27,986.30	15,405.70	1936	Flow
7	7	99075 ASBURY RD/KELLOGG AVE	12,320.00	-95,157.13	107,477.13	new	Gapper
8	8	01068 ASHBRK/GRN GLN/HARDWCK/PRSPRTY	32,496.00	-895,175.96	927,671.96	1941	Maintenance
9	9	01104 AYERSHIRE, SUNRAY & WILLSHIRE	15,000.00	1,230.43	13,769.57	1925	Upgrade
10	10	01099 BANNING/BLUE ROCK/HANLEY	15,000.00	1,486.29	13,513.71	1998	Conflicts/Upgrade
11	12	20053 BEECH GROVE/SIDNEY	33,032.00	-70,175.50	103,207.50	1933	Maintenance
12	13	83065 BEECHMONT AVE, SR 32 TO CORBLY	919,811.05	896,595.22	23,215.83	1959	Upgrade
13	14	92030 BEECHTREE, VIEW PL TO E TERM	53,392.00	29,642.35	23,749.65	1955	Maintenance
14	15	02068 BEEKMAN ST, HARRISON AV	10,176.00	-584,096.93	594,272.93	1930	Conflict
15	16	01074 BELLBROOK/PRINCESS/RIDDLE PH 1	64,640.00	-604,865.81	669,505.81	1957	Upgrade
16	17	02048 BELMONT AVE/PASADENA AVE	50,000.00	44,276.00	5,724.00	1931	Upgrade
17	18	02087 BELVIER, CHEREVILLA	0.00	44,360.00	-44,360.00	1952	Maintenance
18	19	20125 BERNARD/COMPTON TO CLOVERNOOK	239,960.98	240,299.57	-338.59	1925	Upgrade
19	20	01079 BETHESDA/ERKENBRCKR/SHLDS/VINE	38,032.00	-800,289.42	838,321.42	1932	Maintenance
20	21	95066 BETTS AV, N BEND TO GALBRAITH	24,104.00	-669,661.77	693,765.77	1924	Flow
21	23	01070 BOOMER RD/ARROW AV/MONFORT HT	27,136.00	-1,450,488.98	1,477,624.98	1925	Maintenance
22	24	20083 BOUDINOT/WARDALL/MEYERFLD/TAFT	1,000.00	0.00	1,000.00	1910	Flow
23	25	02049 BRAODVIEW DE/COUNTRY CLUB DR	50,000.00	34,662.18	15,337.82	1925	Flow
24	26	20084 BRIDGETWN RD-AURORA TO FRANCIS	566,318.35	566,926.50	-608.15	1954	Maintenance
25	27	94082 BROADVIEW DR/CNTRY CLB, ERIE	5,000.00	0.00	5,000.00	1925	Flow
26	28	93091 BROWNWAY/MINOTVERNE	479,692.35	479,158.58	533.77	1932	Maintenance
27	29	02062 BUCKINGHAM PL & PLAINVILLE RD	41,248.00	-425,732.72	466,980.72	1925	Upgrade
28	30	02085 CARDIFF/CLUB VIEW/JORAMARBURG	50,000.00	49,080.00	920.00	1937	Maintenance
29	31	96124 CENTER HILL-ESTE AV MCGREGOR	52,464.00	-48,480.37	100,944.37	1925	Upgrade
30	32	20071 CENTRAL AV-PETE ROSE WY TO 3RD	185,075.04	142.01	184,933.03	1962	Conflict
31	34	02057 CHEROKEE-JOHNSON TO 1500' WEST	10,000.00	1,538.33	8,461.67	1948	Upgrade
32	36	20119 CHURCH ST-MAIN ST TO VALLEY AV	22,320.00	23,843.81	-1,523.81	1930	Type Material
33	38	93077 CLEVELESWARSAW-GLENWAY TO COVEDA	33,568.00	22,940.42	10,627.58	1947	Maintenance
34	40	02052 CLIFTON AVENUE	15,712.00	-15,738.00	31,450.00	1907	Maintenance
35	41	93090 CLIFTON/WARNER/SAUERZIER	1,101,231.45	72,598.87	1,028,632.58	1890	Flow/Maintenance
36	42	01039 CLOUGH & WOLFANGEL INTER	25,000.00	16,586.77	8,413.23	1968	Conflict
37	44	94099 CLVLND/RDGWY/DRXL/HRTFRD/CLVLN	5,104.00	4,800.36	303.64	1914	Age
38	45	01028 COLERAIN AV-COMPTON TO COMMONS	0.00	138.93	-138.93	1925	Conflict/Upgrade
39	46	20118 COLERAIN-AV-COMPTON TO SPRNGDL	22,320.00	-320,846.29	343,166.29	1961	Conflict/Upgrade
40	47	01027 COLERAIN-CR CNTY TO COMMONS CR	53,552.00	-139,729.91	193,281.91	1961	Conflict/Upgrade
41	48	02017 COLERAIN-SPRINGDALE TO STRUBLE	41,248.00	-451,860.83	493,108.83	1961	Conflict/Upgrade

46	20085	COLERDGN/SL/KRKUP/STNDSH/IONA	17,176.00	10,253.61	6,922.39	1930	Maintenance
47	J0	20003 COLONIAL/CLEVS WARSAW TO RALPH	7,928.00	7,081.95	846.05	1925	Upgrade
48	51	96081 COLUMBIA PKWY/CHURCH-US LAB	18,392.00	7,726.72	10,665.28	1925	Maintenance
49	53	02078 CORNELL RD BRIDGE REPLACEMENT	44,464.00	3,400.00	41,064.00	1960	Conflict
50	54	99024 CRESCENTVILLE @ I-275 HAM/BUT	36,310.81	3,129.25	33,181.56	1963	Conflict
51	47	01109 DIRHEIM AVE	50,000.00	2,094.87	47,905.13	1908	Upgrade
52	48	95069 DOG TROT, TAYLOR TO BRIDGETOWN	10,176.00	315,490.18	-305,314.18	1948	Flow
53	49	94084 DORCHESTER AV/BURNET AV	13,568.00	-735,076.63	748,644.63	1925	Upgrade
54	50	20086 DREMAN AV-BORDEN TO E OF DIRR	32,320.00	6,213.27	26,106.73	1925	Flow
55	51	02075 DREW, RACEVIEW AND GARY	50,000.00	4,079.35	45,920.65	1946	Upgrade
56	52	99092 DUCK CREEK REHAB/FAIRFAX	50,000.00	18,282.74	31,717.26	1925	Conflict
57	53	02028 EAST PRICE HILL WTR MAIN REHAB	20,352.00	-1,095,329.09	1,115,681.09	2002	Rehabilitation
58	54	99107 EASTERN, MAIN STATION TO VANCE	4,272.00	-2,987,048.30	2,991,320.30	1925	Upgrade
59	55	99111 EBENEZER/BRIDGETOWN/TAYLOR IMP	53,176.00	5,177.75	47,998.25	1925	Conflict
60	56	02054 EDALBERT DR & PARAMOUNT RIDGE	46,392.00	19,990.00	26,402.00	1936	Upgrade
61	57	96092 EDEN PARK DR/GILBERT AV	38,496.00	-917,455.07	955,951.07	1925	Upgrade
62	58	93073 EDEN PARK FEEDER I	5,000.00	4,052.57	947.43	1871	Upgrade
63	59	01023 ELMWOOD AV-TOWNSHIP TO 66TH ST	131,805.06	71,582.77	60,222.29	1909	Upgrade
64	60	94085 ENYART RD/MONTGOMERY RD	41,248.00	18,061.30	23,186.70	1967	Maintenance
65	61	02063 ERIE AV & RED BANK X-WAY	5,000.00	1,646.49	3,353.51	1981	Conflicts
66	62	20064 ERIE AV-BRIDGE NRFLK STHRN RR	70,629.64	63,068.71	7,560.93	1910	Conflict
67	63	89065 EUCLID RD STEWART TO KEN-ARBRE	0.00	22,759.00	-22,759.00	1933	Maintenance
68	64	20087 EVENDALE DR-SHARON TO S OF OAK	60,176.00	-141,011.22	201,187.22	1958	Upgrade
69	65	93087 EVERSOLE-SALEM TO CHESTNUT	6,784.00	-73,880.88	80,664.88	1925	Maintenance
70	66	20038 FAIRFAX/CINNAMON WM REHAB	31,176.00	27,537.05	3,638.95	1942	Upgrade
71	67	01075 FAXN/JASMNE/PANOLA/JOLIET/RBRT	44,640.00	-620,727.25	665,367.25	1956	Maintenance
72	68	20135 FENIMORE, ALLENHAM/INTERSECTIN	13,928.00	10,978.58	2,949.42	1911	Upgrade
73	69	02074 FIVE MILE RD-KELLOGG TO AYER	50,000.00	49,950.00	50.00	New	Gapper
74	70	92034 FOUR MILE, SUTTON TO KELLOGG	47,496.00	-25,596.04	73,092.04	1953	Maintenance
75	71	94030 GERMANIA AV/MURRAY AV	42,888.00	42,090.09	797.91	1925	Water Quality
76	72	99108 GLENELLYN/YAKIMA/KALAMA/GRINEL	53,392.00	51,506.01	1,885.99	1931	Flow
77	73	02091 GLENGATE/KNIGHT/LAWNDALE	0.00	30,560.00	-30,560.00	1953	Maintenance
78	74	20088 GLENHURST PL/WESTFIELD AV	126,043.18	125,483.48	559.70	1929	Maintenance
79	75	94104 GLENMORE AV/WOODBINE TO WERK	41,960.00	10,086.82	31,873.18	1928	Upgrade
80	76	94086 GLNDL-MLFRD/RR TRACK S TO RDNG	41,248.00	-416,116.85	457,364.85	1958	Maintenance
81	77	20081 GOBEL AV/WSTWD NRTHRN BRCKN WD	12,856.00	-254,908.07	267,764.07	1963	Conflict
82	78	20122 GOODMAN-SIMPSON TO GALBRAITH	58,392.00	-196,312.30	254,704.30	1980	Upgrade
83	79	99077 GWILADA DR/GALBRAITH TO N TERM	22,320.00	-8,051.08	30,371.08	1952	Maintenance
84	80	93084 HAFT-WEST FORK TO 2600' SOUTH	57,856.00	34,856.99	22,999.01	1935	Maintenance
85	81	20137 HAM/CLE 275-32.270 WIDENING	5,000.00	312.08	4,687.92	1925	Conflict
86	82	02033 HAM-126-34.175 GLENDALE MLFRD	18,928.00	-130,289.12	149,217.12	1970	Conflicts/Upgrade
87	83	01106 HAMILTON AV, 7 HILLS TO I-275	50,000.00	118.21	49,881.79	1967	Conflicts/Upgrade
88	84	20089 HAMILTON AV-CIVIC CNTR/STRUBLE	48,032.00	-799,809.38	847,841.38	1925	Maintenance
89	85	02076 HAM-LITTLE MIAMI-0.00 NEWTOWN	50,000.00	17,672.16	32,327.84	1983	Upgrade
90	86	02041 HANOVER DR.	25,000.00	396,071.30	-371,071.30	1990	Upgrade



87	98	01035	HARDING/MOZART/GLENMORE	655,538.45	655,645.77	-107.32	1915	Upgrade
88	99	01101	HARRISON AV @ I-74	15,000.00	4,256.92	10,743.08	1969	Conflicts
89	101	20131	HARRISON/WESSELMAN/JOHNSON	10,000.00	3,767.00	6,233.00	1926	Conflict
90	102	20090	HARRISON-SPRINGDALE/MONRE VSTA	37,856.00	29,072.04	8,783.96	1968	Upgrade
91	103	96095	HATCH/CARNEY, PARADROME TO HTC	391,423.41	390,923.41	500.00	1948	Maintenance
92	104	99085	HILL/MARTIN-CITY OF MT HEALTHY	37,392.00	37,033.18	358.82	1989	Upgrade
93	105	98082	HOPPLE ST I75 TO MEEKER	45,856.00	8,559.14	37,296.86	1916	Conflict
94	106	02046	HUNT RD-KENNWOOD TO BLUE ASH	50,000.00	3,620.63	46,379.37	1925	Upgrade/Maintenance
95	107	20091	HUNT/WEST/BROWN/RIDGEWAY	41,248.00	-394,403.29	435,651.29	1941	Maintenance
96	108	01065	I-275 FIVE MILE RD TO SR 32	20,000.00	6,949.04	13,050.96	1925	Conflict
97	109	99078	INCINERATOR RD/SHARON TO N TRM	3,392.00	-171,637.83	175,029.83	1937	Maintenance
98	111	20092	KELLER/CONCORD HILLS CIRCLE	10,176.00	-98,320.72	108,496.72	1940	Maintenance
99	112	99099	KELLER/CONCORD HILLS/LINK	500,310.76	1,680.92	498,629.84	1940	Maintenance
100	113	99023	KEMPER/PIPPIN INTERESCT IMPROV	96,626.36	94,149.51	2,476.85	1950	Conflict
101	114	02056	KEMPER-CENTURY TO CHESTERDALE	10,000.00	1,486.55	8,513.45	1968	Conflict
102	115	20117	KENNEDY AV-WOODFORD TO MNTGMRY	520,498.09	508,679.88	11,818.21	1930	Conflict
103	116	99050	KENWOOD/PFEIFER	1,862,377.48	1,861,593.40	784.08	1926	Conflict/Upgrade
104	118	99079	KIRBY RD/FREDERICK TO TERM	15,712.00	114,607.53	-98,895.53	1947	Water Quality
105	119	92040	KIRTLEY/CARROLL/KANAWHA	550,391.70	514,632.24	35,759.46	1932	Flow
106	120	02089	KNOLL RD/KNOLL DR/SECTN/VERGER	0.00	27,550.00	-27,550.00	1930	Upgrade
107	121	99076	KUGLER MILL/MONTGOMERY RD	16,960.00	-892,787.59	909,747.59	1927	Maintenance
108	122	20074	KUGLER MILL-PLAINFIELD/BLU ASH	37,856.00	-8,627.00	46,483.00	1926	Maintenance
109	123	01073	LANGDON FARM RD/SEYMOUR AVE	51,424.00	-1,000,638.11	1,052,062.11	1928	Maintenance
110	124	01102	LEHMAN RD LANDSLIDE	60,000.00	20,356.03	39,643.97	1979	Conflict/Upgrade
111	125	01015	LELAND @ LILIENTHAL ST	5,000.00	426.10	4,573.90	1931	Conflict
112	126	20007	LEO/MARTIN/LAWRENCE-ST BERNARD	13,392.00	6,611.92	6,780.08	1925	Upgrade
113	127	94088	LIBERTY ST/CENTRAL TO BROADWAY	16,960.00	-20,101.56	37,061.56	1926	Maintenance
114	128	93075	LIDDELL/GROVE/DEMPSEY/WAVELAND	61,248.00	-418,881.69	480,129.69	1885	Upgrade
115	130	96106	LONG LN/MARVIEW TR/CANDY LN	20,352.00	-1,094,413.49	1,114,765.49	1931	Maintenance
116	131	94108	MAIN ST/WALNUT ST/THIRD ST	3,392.00	-184,153.55	187,545.55	1868	Upgrade
117	134	02014	MARKLEY RD-BRIDGE REPLACEMENT	25,000.00	8,173.38	16,826.62	1963	Conflict/Upgrade
118	135	91060	MARSHALL/MCMICKEN-PROBASCO TO	41,248.00	-17,557.37	58,805.37	1925	Maintenance
119	141	20063	MAYCLIFF PL-SALEM TO TERMINUS	184,798.60	181,186.77	3,611.83	1925	Conflict/Upgrade
120	142	01002	MC GILL LE-COLERAIN TO RUSSET	5,000.00	559.74	4,440.26	1954	Maintenance
121	143	94109	MCMILLAN/FRVW/HRMN/CLMRV/LLYVW	13,568.00	-8,666.01	22,234.01	1916	Upgrade
122	144	20124	MEHRING WAY-GEST ST TO SMITH	18,928.00	-114,526.60	133,454.60	1957	Conflict
123	145	01077	MEYERFIELD AV & TAFT AV	37,856.00	27,672.32	10,183.68	1913	Flow
124	156	01042	MNTGMRY RD @ SILVERCREST	10,000.00	1,423.46	8,576.54	1926	Conflict
125	157	01043	MONTGMRY/KENWD/GALBRTH/HOSBROK	48,208.00	-1,438,299.68	1,486,507.68	1926	Conflict
126	160	20116	MOONRIDGE-BRIDGETWN TO LAWRNCE	480,632.16	437,670.44	22,961.72	1952	Maintenance
127	161	02071	MT HOPE RD IMPROVEMENTS	3,392.00	121,650.49	-118,258.49	1925	Conflicts
128	162	97113	MULBERRY ST-VINE TO SYCAMORE	59,677.00	59,662.24	14.76	1930	Maintenance
129	163	02032	MURRAY RD-HIKE/BIKE TRAIL	10,000.00	1,527.21	8,472.79	1999	Conflicts
130	165	99056	NEW HAVEN RD, CROSBY TO OXFORD	49,424.00	-53,956.02	103,380.02	1925	Conflicts
131	172	94110	OHIO AV/SECTION RD, S OF LNSDW	712.00	-444,908.60	445,620.60	1925	Flow

132	173	01110	OREGON & MONASTERY STS.	53,392.00	-170,384.41	223,776.41	1931	Maintenance
133	176	92027	PADDOCK RD, TENNESSEE TO 77TH	18,352.00	-266.26	18,618.26	1934	Maintenance
134	177	99063	PADDOCK WIDENING-N BEND TOWARD	16,319.00	-241,874.90	258,193.90	1911	Conflict
135	178	01019	PANDORA/ASHWOOD	41,248.00	-42,958.07	84,206.07	1930	Maintenance
136	179	20121	PARRISH-GALBRAITH TO EMERSON	170,505.25	170,485.99	19.26	1925	Upgrade
137	180	02018	PETE ROSE WAY/MEHRING WAY-CNTR	46,064.00	0.00	46,064.00	1925	Upgrade
138	181	97077	PFEIFFER RD KENWOOD TO MONTG	1,484,400.44	1,337,427.27	146,973.17	1989	Conflict/Upgrade
139	182	20049	PIPPIN RD, CULVERT CROSSING	5,000.00	746.37	4,253.63	1925	Conflict
140	183	02029	PLAINFIELD RD-STREET IMPROVMT	34,464.00	-55,127.46	89,591.46	1992	Conflict/Upgrade
141	184	99067	PRINCETON-SR 747 I275 CRSCNTVL	22,320.00	-301,677.14	323,997.14	1959	Conflict
142	186	01084	PROSPERITY PL-FERGUSON/ASHBRK	34,464.00	798,888.62	-764,424.62	1941	Maintenance
143	188	02108	READING RD.@ LEBANON RD.	30,000.00	0.00	30,000.00	1960	Conflicts
144	189	20093	READING RD-CHAUCER TO SECTION	60,176.00	-550,836.12	611,012.12	1941	Maintenance
145	190	99058	RED BANK-WOODFORD TO ZINSLE	53,928.00	-117,076.17	171,004.17	1945	Conflict/Upgrade
146	191	20107	REED HARTMAN/TRWBRIDGE-ASHWOOD	721,924.81	722,870.00	-945.19	1976	Conflicts/Upgrade
147	192	96107	REEMELIN, M BEND TO W CRSTKNOL	46,248.00	-408,997.84	455,245.84	1948	Maintenance
148	195	01069	RIDGEMOOR DR CULVERT REPLACE	10,000.00	1,067.36	8,932.64	1956	Conflicts/Upgrade
149	196	90029	RIVER HILLS/BATAVIA	3,392.00	-182,176.46	185,568.46	1965	Maintenance
150	198	01081	ROBB AVENUE	46,176.00	-553,686.65	599,862.65	1922	Maintenance
151	199	01060	ROBISON-WOODFORD TO MONTGOMERY	57,856.00	-61,857.95	119,713.95	1930	Upgrade
152	200	01096	ROE ST BRIDGE-WINONA/SETTLE	50,000.00	4,518.77	45,481.23	1925	Upgrade
153	201	95075	ROE ST, TOMPKINS TO BERWICK	21,924.00	16,938.63	4,985.37	1925	Water Quality
154	202	01049	ROOKWOOD WATER MAIN REPLACE	29,104.00	-189,562.57	218,666.57	1925	Water Quality
155	203	02047	SALVIA/SARANAC	53,392.00	-170,327.32	223,719.32	1929	Flow
156	205	83016	SHARON RD, MILL TO WINTON 12"	344,485.14	366,968.67	-22,483.53	1956	Upgrade
157	206	20036	SHEED RD, DESERTGOLD TO 600' S	9,464.00	-61,408.57	70,872.57	new	Gapper
158	207	02072	SHINKEL RD-DOG TROT TO N TERM	50,000.00	47,250.00	2,750.00	1948	Upgrade
159	208	89053	SPENCER & YORK GALBRAITH TO NW	17,320.00	16,489.80	830.20	1925	Flow
160	209	96094	SPRING ST, LIBERTY TO TWELFTH	57,856.00	-255,766.05	313,622.05	1913	Maintenance
161	210	20052	SR 128, MILL RD TO I-74	3,642.00	4,305.58	-663.58	1925	Maintenance
162	211	20043	ST LAWRENCE/RUTLEDGE	5,712.00	5,033.33	678.67	1879	Upgrade
163	212	02044	ST MARTINS PL-ROBB TO W TERM	12,856.00	-261,409.56	274,265.56	1923	Upgrade
164	213	95065	STANFORD/NORTHVW/HOWARD/BARVAC	22,320.00	-25,010.94	47,330.94	1938	Upgrade
165	214	92072	STEWART RD-LUHN TO MONTGOMERY	34,104.00	7,621.91	26,482.09	1925	Upgrade
166	215	02053	STRATFORD AVENUE	46,392.00	-196,490.04	242,882.04	1931	Maintenance
167	216	96096	SUSSEX ST, CORBLY 500' N COFFY	18,928.00	-6,470.40	25,398.40	1940	Maintenance
168	217	01080	SUTTON/GLADE/MEARS WM REPLACE	34,464.00	17,369.69	17,094.31	1948	Maintenance
169	218	20094	SYLVED/MUDDY CREEK	41,248.00	16,430.90	24,817.10	1942	Maintenance
170	219	20098	TAYLOR RD/WESSELMAN RD	3,018.52	5,768.42	-2,749.90	1955	Maintenance
171	220	98097	TAYLOR RD-RYBOLT TO DOG TROT	57,032.00	49,275.86	7,756.14	1955	Maintenance
172	222	02073	TOWER RD-BRIDGETOWN TO N TERM	50,000.00	38,550.00	11,450.00	1955	Maintenance
173	223	02045	VALLEY RIDGE RD	7,856.00	436.63	7,419.37	1948	Upgrade
174	225	01071	VAN KIRK AVE	3,392.00	-166,014.08	169,406.08	1930	Maintenance
175	226	01067	VILLAGE BROOK @ KEMPRER RD	5,000.00	732.95	4,267.05	1970	Conflicts
176	228	98113	W FORK RD BRIDGE W OF MONTANA	49,000.00	48,618.53	381.47	1926	Conflict

177	229	20095	W FORK RD-CECELIA TO PRIVATE D	34,464.00	26,012.96	8,451.04	1925	Gapper
178	230	01012	WALNUT ST-KEMPER TO N TERMINUS	30,000.00	27,014.18	2,985.82	1925	Conflict
179	231	01041	WAREHAM/VAN METER/ELSINORE	26,320.00	15,224.05	11,095.95	1925	Maintenance
180	232	02109	WASHINGTON AV/GREENLEE TO VINE	10,000.00	0.00	10,000.00	1925	Conflicts/Upgrade
181	233	20101	WASHINGTON, HARRISON/HOMELAWN	41,248.00	2,184.81	39,063.19	1914	Upgrade
182	234	89046	WATCHPOINT & CEDAR PT BURNEY T	41,248.00	-3,740.16	44,988.16	1940	Flow
183	236	95078	WAYSIDE AV, SALEM TO SUTTON	10,000.00	11,201.70	-1,201.70	1924	Flow
184	237	99038	WESSELMAN ROAD/TAYLOR ROAD	54,104.00	0.00	54,104.00	1925	Conflict
185	238	01024	WEST FORK-CECILIA TO PRIVATE	0.00	14,540.78	-14,540.78	1925	Gapper
186	239	92029	WESTBROOK, BOUDINOT LAFEUILLE	40,176.00	-534,012.15	574,188.15	1947	Maintenance
187	243	94119	WH TAFT/HLTN PL/HIGHLND/OAK/MAY	54,816.00	-1,136,745.72	1,191,561.72	1942	Upgrade
188	244	01076	WILKENS SHORT ROAD	18,928.00	-127,381.04	146,309.04	1925	Upgrade
189	245	01085	WILMER RD-JESSUP TO TERMINUS	7,500.00	6,343.29	1,156.71	1958	Conflicts
190	247	20097	WINDR/FISHR/KLING/CATHRN/MIGNON	15,576.00	15,496.10	79.90	1907	Flow
191	248	01097	WOODRUFF-ASBURY TO 8 MILE	45,712.00	23,185.35	22,526.65	1949	Maintenance
192	249	96009	WOOSTER PK-OAK TO NEWTOWN	30,528.00	357,607.68	-327,079.68	1925	Water Quality
193	251	20096	WSTWD NRTHN BV-SUTTER/BEEKMAN	56,784.00	36,663.03	20,120.97	1946	Maintenance
194	252	02090	ZIG ZAG ROAD	0.00	50,508.14	-50,508.14	1926	Upgrade
								370,152
								<b>\$30,479,929.40</b>
								Average age of Main
								<b>1948</b>

#### Replacement Water Mains

#### New Water Mains

195	22	97080	BLUE ASH COOPER WATER MAIN	14,816.00	0.00	14,816.00	NA	Expansion
196	33	02070	CENTRAL RIVERFRONT-PHASE 3	50,000.00	1,507.99	48,492.01	NA	Expansion
197	35	99074	CHERRY GROVE DISCHARGE NO. 2	375,006.81	15,658.27	359,348.54	NA	Expansion
198	52	97034	COLUMBIA/SOCIALVILLE-FOSTER RD	4,960.00	16,943.56	-11,983.56	NA	Expansion
199	60	20138	DRY FORK RD, HARRISON/SIMONSON	22,498.41	165.15	22,333.26	NA	Expansion
200	86	20115	GLENVIEW PL-GRANT TO TERMINUS	25,000.00	7,399.29	17,600.71	NA	Expansion
201	100	01098	HARRISON NO 3 SIMONSON RD	1,248.00	-436,404.29	437,652.29	NA	Expansion
202	129	01091	LOCKWOOD/THOMPSON/BLUE ROCK	28,032.00	52,693.59	-24,661.59	NA	Expansion
203	138	02035	MASON FEEDER	3,392.00	-56,777.56	60,169.56	NA	Expansion
204	139	02051	MASON ROAD	168,956.82	168,352.12	604.70	NA	Expansion
205	140	97081	MASON ROAD WATER MAIN	33,920.00	-1,797,162.86	1,831,082.86	NA	Expansion
206	158	97078	MONTGOMERY PFEIFFER TO CORNELL	28,200.00	-253,868.51	282,068.51	NA	Expansion
207	164	99017	N KY - OHIO RIVER CROSSING	11,880.00	-62,854.52	74,734.52	NA	Expansion
208	167	99015	NKY-RIVER RD CONRAIL RVRSIDE	8,560.00	-385,905.24	394,465.24	NA	Expansion
209	168	99012	NKY-RIVER RD/EVANS TO MARYLAND	14,096.00	-176,331.06	190,427.06	NA	Expansion
210	169	99013	NKY-RIVER RD/MARYLAND MT ECHO	30,176.00	-61,007.44	91,183.44	NA	Expansion
211	170	99014	NKY-RIVER RD/MT ECHO SOUTHSIDE	0.00	24.92	-24.92	NA	Expansion
212	171	99016	NKY-RIVER RD/RVRSIDE TO ANDRSN	13,024.00	-54,227.96	67,251.96	NA	Expansion
213	197	97050	RIVER RD-MARYLAND TO MT ECHO	7,600.00	-52,744.52	60,344.52	NA	Expansion
214	221	20099	TENNYSON/KELLOGG/DELTA	17,064.00	-1,469,192.12	1,486,256.12	NA	Expansion
215	224	20051	VAN BLARICUM/CLVS WRSW/HILLSID	465,017.71	514,730.78	-49,713.07	NA	Expansion

# ADDITIONAL SUPPORT INFORMATION

For Program Year 2003 (July 1, 2003 through June 30, 2004), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

**IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT?   X   YES        NO (ANSWER REQUIRED)**

Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score.

**1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?**

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application. Examples of deficiencies include: structural condition; substandard design elements such as widths, grades, curves, sight distances, drainage structures, etc.

Most of the replacement water mains are in marginal condition. See attached discussion on Condition.

These mains are primarily being replaced due to their age (average of 54 years for replacement mains) and documented maintenance problems (leaks). In addition mains are also replaced due to poor flow, type of pipe material and type of joint material, conflicts and water quality. The attached project listing indicates the age of the mains being replaced and the reasons for replacement.

**2) How important is the project to the safety of the Public and the citizens of the District and/or service area?**

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The project will improve the safety of the area by installing new fire hydrants that are more reliable than the previous fire hydrants and improving marginal flows in the mains. In addition, all the branches in the right of way will be replaced with new copper pipe eliminating any lead branches that are present. The project will help minimize the number of water main breaks and disruption to fire hydrant service. High pressure main breaks can also cause damage to roadways and other utilities.

**3) How important is the project to the health of the Public and the citizens of the District and/or service area?**

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

This project is important to the health of the consumers of Cincinnati Water Works (CWW) water. Water quality is improved when older unlined corroded and tuberculated cast iron mains are replaced assuring that high quality water will continue to be provided. The project will improve the water flow in the mains.

This project will also provide improvement for fire flow and commercial insurance purposes. All lead jointed water pipes and lead branches will be replaced.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

Priority 1 Countywide Water Main Improvements  
Priority 2 \_\_\_\_\_  
Priority 3 \_\_\_\_\_  
Priority 4 \_\_\_\_\_  
Priority 5 \_\_\_\_\_

5) Will the completed project generate user fees or assessments?

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.).

No \_\_\_\_\_ Yes X If yes, what user fees and/or assessments will be utilized?

The water rates are indicated on the attached City Council Ordinance. The rates will not change as a result of this project.

6) Economic Growth – How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

This project will have a stabilizing affect on the economic growth of the CWW service area by providing plentiful, high quality water. CWW has the ability to provide additional capacity for areas that develop within the service area.

7) Matching Funds - LOCAL

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) Matching Funds - OTHER

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by August 10 th of this year for this project with the Hamilton County Engineer's Office. List below all "other" funding the source(s).

No matching funds are needed. Initially these projects were funded with cash until the revenue bonds could be sold.

- 9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?

Describe how the proposed project will alleviate serious traffic problems or hazards (be specific).

These projects will meet all future water capacity needs. Most of the water main replacement projects are on residential streets that do not expect to experience growth in the future. The new water mains are designed for growth over a 20 year period. All 6" mains will be replaced with 8" mains (except in cul-de-sacs) doubling capacity.

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS \_\_\_\_\_ Proposed LOS \_\_\_\_\_

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

Not applicable (NA)

- 10) If SCIP/LTIP funds were granted, when would the construction contract be awarded? NA

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months \_\_\_\_\_

- a.) Are preliminary plans or engineering completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- b.) Are detailed construction plans completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- c.) Are all utility coordination's completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- d.) Are all right-of-way and easements acquired (if applicable)? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_

If no, how many parcels needed for project? \_\_\_\_\_ Of these, how many are: Takes \_\_\_\_\_

Temporary \_\_\_\_\_

Permanent \_\_\_\_\_

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

- e.) Give an estimate of time needed to complete any item above not yet completed. \_\_\_\_\_ Months.

11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project represents various vital water main projects located throughout Hamilton County.

The project consists of distribution, transmission and dual service water mains.

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

NA

Will the ban be removed after the project is completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT \_\_\_\_\_ X 1.20 = \_\_\_\_\_ Users

Water/Sewer: Homes 4850\* X 4.00 = 19,400 Users

\* Based on an average of 25 homes per replacement project

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply)

Optional \$5.00 License Tax X

Infrastructure Levy X Specify type Infrastructure Tax (a portion of the earnings tax)

Facility Users Fee X Specify type Service charge for water supply

Dedicated Tax \_\_\_\_\_ Specify type \_\_\_\_\_

Other Fee, Levy or Tax \_\_\_\_\_ Specify type \_\_\_\_\_

SCIP/LTIP PROGRAM  
ROUND 17 - PROGRAM YEAR 2003  
PROJECT SELECTION CRITERIA  
JULY 1, 2003 TO JUNE 30, 2004

NAME OF APPLICANT: CINCINNATI WATER WORKS  
NAME OF PROJECT: COUNTY WIDE WATER MAIN IMPROVEMENTS  
RATING TEAM: 2

NOTE: See the attached "Addendum To The Rating System" for definitions, explanations and clarifications to each of the criterion points of this rating system.

**CIRCLE THE APPROPRIATE RATING**

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

- 25 - Failed
- 23 - Critical
- 20 - Very Poor
- ☒ 17 - Poor
- 15 - Moderately Poor
- 10 - Moderately Fair
- 5 - Fair Condition
- 0 - Good or Better

*There small portions of it  
have been, half being replaced  
due to condition, half due  
to capacity limited*

Appeal Score  
\_\_\_\_\_

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- ☒ 10 - Minimal importance
- 0 - No measurable impact

*undersize line replacement  
improving fire protection*

Appeal Score  
\_\_\_\_\_

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- 10 - Minimal importance
- ☒ 0 - No measurable impact

*Some replacement of  
lead joints - 357K out  
of 36M*

Appeal Score  
\_\_\_\_\_

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

Note: Jurisdiction's priority listing (part of the Additional Support Information) must be filed with application(s).

- ☒ 25 - First priority project
- 20 - Second priority project
- 15 - Third priority project
- 10 - Fourth priority project
- 5 - Fifth priority project or lower

Appeal Score  
\_\_\_\_\_

5) Will the completed project generate user fees or assessments?

- 10 - No
- ☒ 0 - Yes

Appeal Score  
\_\_\_\_\_



6) Economic Growth – How the completed project will enhance economic growth (See definitions).

10 – The project will directly secure significant new employment

Appeal Score

7 – The project will directly secure new employment

5 – The project will secure new employment

3 – The project will permit more development

0 – The project will not impact development

7) Matching Funds - LOCAL

10 – This project is a loan or credit enhancement

10 – 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

0 – Less than 10%

8) Matching Funds - OTHER

10 – 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

1 – 1% to 9.99%

0 – Less than 1%

9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?  
(See Addendum for definitions)

10 – Project design is for future demand.

8 – Project design is for partial future demand.

6 – Project design is for current demand.

4 – Project design is for minimal increase in capacity.

2 – Project design is for no increase in capacity.

*1/2 replacement  
due to capacity*

Appeal Score

10) Ability to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded? (See Addendum concerning delinquent projects)

5 – Will be under contract by December 31, 2003 and no delinquent projects in Rounds 14 & 15

3 – Will be under contract by March 31, 2004 and/or one delinquent project in Rounds 14 & 15

0 – Will not be under contract by March 31, 2004 and/or more than one delinquent project in Rounds 14 & 15

11) Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc. (See Addendum for definitions)

10 – Major impact

8 –

6 – Moderate impact

4 –

2 – Minimal or no impact

Appeal Score

12) What is the overall economic health of the jurisdiction?

10 Points

8 Points

6 Points

4 Points

2 Points

- 13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

10 - Complete ban, facility closed

Appeal Score

8 - 80% reduction in legal load or 4-wheeled vehicles only

7 - Moratorium on future development, *not* functioning for current demand

6 - 60% reduction in legal load

5 - Moratorium on future development, functioning for current demand

4 - 40% reduction in legal load

2 - 20% reduction in legal load

0 - Less than 20% reduction in legal load

- 14) What is the total number of existing daily users that will benefit as a result of the proposed project?

10 - 16,000 or more

Appeal Score

8 - 12,000 to 15,999

6 - 8,000 to 11,999

4 - 4,000 to 7,999

2 - 3,999 and under

- 15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? (Provide documentation of which fees have been enacted.)

5 - Two or more of the above

Appeal Score

3 - One of the above

0 - None of the above

## General Statement for Rating Criteria

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applicant, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

## Criterion 1 - Condition

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, health and/or safety issues. Condition is rated only on the facility being repaired or abandoned. (Documentation may include: ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.)

### Definitions:

**Failed Condition** - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non functioning and replacement parts are unavailable.)

**Critical Condition** - requires moderate or partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

**Very Poor Condition** - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

**Poor Condition** - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

**Moderately Poor Condition** - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

**Moderately Fair Condition** - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

**Fair Condition** - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

**Good or Better Condition** - little to no maintenance required to maintain integrity.

**Note:** If the infrastructure is in "good" or better condition, it will NOT be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

## Criterion 2 – Safety

The jurisdiction shall include in its application the type of safety problem that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? In all cases, specific documentation is required.

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

## Criterion 3 – Health

The jurisdiction shall include in its application the type and seriousness of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? Are leaded joints involved in existing water line replacements? In all cases, specific documentation is required.

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

## Criterion 4 – Jurisdiction’s Priority Listing

The jurisdiction **must** submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

## Criterion 5 – Generate Fees

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.). The applying jurisdiction must submit documentation.

## Criterion 6 – Economic Growth

Will the completed project enhance economic growth and/or development in the service area?

### Definitions:

**Directly secure significant new employment:** The project is specifically designed to secure a particular development/employer(s), which will add at least 100 or more new employees. The applicant agency must supply specific details of the development, the employer(s), and number of new permanent employees.

**Directly secure new employment:** The project is specifically designed to secure development/employers, which will add at least 50 new permanent employees. The applying agency must supply details of the development and the type and number of new permanent employees.

**Secure new employment:** The project is specifically designed to secure development/employers, which will add 10 or more new permanent employees. The applying agency must submit details.

**Permit more development:** The project is designed to permit additional business development. The applicant must supply details.

**The project will not impact development:** The project will have no impact on business development.

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply.

## Criterion 7 – Matching Funds - Local

The percentage of matching funds which come directly from the budget of the applying local government.

## Criterion 8 – Matching Funds - Other

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7.

## Criterion 9 – Alleviate Traffic Problems

The jurisdiction shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion or hazards will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis accompanying the application would be beneficial. Projected traffic or demand should be calculated as follows:

### Formula:

Existing users x design year factor = projected users

<u>Design Year</u>	<u>Design year factor</u>		
	<u>Urban</u>	<u>Suburban</u>	<u>Rural</u>
20	1.40	1.70	1.60
10	1.20	1.35	1.30

### Definitions:

**Future demand** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

**Partial future demand** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

**Current demand** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

**Minimal increase** – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

**No increase** – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

## **Criterion 10 - Ability to Proceed**

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently canceling the same after the bid date on the application may be considered as having a delinquent project.

## **Criterion 11 - Regional Impact**

The regional significance of the infrastructure that is being repaired or replaced.

### **Definitions:**

**Major Impact** - Roads: major multi-jurisdictional route, primary feed route to an Interstate, Federal Aid Primary routes.

**Moderate Impact** - Roads: principal thoroughfares, Federal Aid Urban routes

**Minimal / No Impact** - Roads: cul-de-sacs, subdivision streets

## **Criterion 12 – Economic Health**

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

## **Criterion 13 - Ban**

The jurisdiction shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

## **Criterion 14 - Users**

The applying jurisdiction shall provide documentation. A registered professional engineer or the applying jurisdictions' C.E.O must certify the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

## **Criterion 15 – Fees, Levies, Etc.**

The applying jurisdiction shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for.